

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1–36. (Canceled)

37. (Currently Amended) A text editing device comprising:

a character information storage system that stores a character string as text data;

a character size storage system that stores ~~a size~~size of each character included in the character string stored in the character information storage system;

a frame configuration storage system that stores ~~a configuration~~dimensions of a frame in which the character string stored in the character information storage system is displayed or printed;

an operation mode setting system that sets an operation mode, specifying ~~status~~a status of displaying or printing of the character string stored in the character information storage system in the frame when ~~editing~~an editing operation is executed, to operation modes including at least a frame ~~configuration~~dimension fixed state and a frame ~~configuration~~dimension alterable state;

a character size alteration system that alters memory contents of the character size storage system so that the character string stored in the character information storage system will fit in the frame in cases where the operation mode setting system has set the operation mode to the frame ~~configuration~~dimension fixed state; and

a frame configuration alteration system that alters memory contents of the frame configuration storage system so that the character string stored in the character information storage system will fit in the frame in cases where the operation mode setting system has set the operation mode to the frame ~~configuration~~dimension alterable state.

38. (Currently Amended) The text editing device according to claim 37, wherein the character size alteration system includes:

a size comparison system which compares ~~size of the~~ a size of a whole character string when a newly inputted character string is additionally displayed or printed in the character size stored in the character size storage system with ~~size~~ a size of the frame determined by the frame configuration stored in the frame configuration storage system each time ~~when~~ a character string is stored in the character information storage system in the case where the operation mode has been set to the frame ~~configuration~~ dimension fixed state by the operation mode setting system; and

a judging system which judges whether the size of the whole character string when the newly inputted character string is additionally displayed or printed in the character size stored in the character size storage system fits in the frame ~~or not~~ based on the comparison by the size comparison system,

wherein when the judging system judges that the size of the whole character string does not fit in the frame, the character size alteration system alters the memory contents of the character size storage system so that the size of each character of the whole character string including the newly inputted character string will be reduced to a size within a range allowing the character string stored in the character information storage system to fit in the frame.

39. (Currently Amended) The text editing device according to claim 38, wherein:

the frame configuration storage system stores ~~a width~~ a width of the frame as the size of the frame, and

the size comparison system compares ~~a length~~ a length of the whole character string when the newly inputted character string is additionally displayed or printed in the character size stored in the character size storage system in a column-increasing direction

with the width of the frame stored in the frame configuration storage system each time ~~when a~~ character string is stored in the character information storage system.

40. (Currently Amended) The text editing device according to claim 38, wherein:
the frame configuration storage system stores ~~height~~ a height of the frame as
the size of the frame, and

the size comparison system compares ~~length~~ a length of the whole character string when the newly inputted character string is additionally displayed or printed in the character size stored in the character size storage system in a line-increasing direction with the height of the frame stored in the frame configuration storage system each time ~~when a~~ character string is stored in the character information storage system.

41. (Currently Amended) The text editing device according to claim 37, wherein the character size alteration system alters the memory contents of the character size storage system so that the character string stored in the character information storage system will fit in the frame also in cases where the frame configuration stored in the frame configuration storage system is altered and at the same time the operation mode is changed from the frame ~~configuration~~ dimension alterable state to the frame ~~configuration~~ dimension fixed state by the operation mode setting system.

42. (Currently Amended) The text editing device according to claim 37, wherein when the operation mode has been set to the frame ~~configuration~~ dimension fixed state and character sizes of characters of different sizes have been stored in the character size storage system, the character size alteration system alters the memory contents of the character size storage system so that the character string stored in the character information storage system will fit in the frame while maintaining size ratios among the different character sizes stored in the character size storage system.

43. (Currently Amended) The text editing device according to claim 37, further comprising a line feed position storage system for storing line feed position information to be used for displaying or printing the character string stored in the character information storage system while starting new lines at intended positions,

wherein the character size alteration system alters the memory contents of the character size storage system so that the whole character string stored in the character information storage system will fit in the frame also in cases where the operation mode has been set to the frame ~~configuration~~dimension fixed state and the line feed position information has been stored in the line feed position storage system.

44. (Previously Presented) The text editing device according to claim 37, wherein the text editing device is configured as a label writer.

45. (Currently Amended) The text editing device according to claim 37, wherein the editing operation includes ~~text~~a text input operation and ~~line~~a line feed operation.

46. (Currently Amended) The text editing device according to claim 37, further comprising an operation mode display controlling system for displaying a screen image, indicating a change in ~~text~~a text display status at ~~the point~~a point when the editing operation is executed, depending on the operation mode set by the operation mode setting system.

47. (Previously Presented) The text editing device according to claim 46, wherein the operation mode display controlling system indicates text display statuses before and after the editing operation by displaying images corresponding to the frame depending on the operation mode set by the operation mode setting system.

48. (Currently Amended) The text editing device according to claim 37, wherein the operation mode setting system can set the operation mode to a frame height variable operation mode for displaying or printing the character string stored in the character information storage system to fit in the frame in a state where the frame configuration stored

in the frame configuration storage system is alterable only in a frame height direction which is a line-increasing/decreasing direction when the editing operation is executed, as an operation mode included in the frame ~~configuration~~dimension alterable state.

49. (Currently Amended) The text editing device according to claim 37, wherein the operation mode setting system can set the operation mode to a frame width variable operation mode for displaying or printing the character string stored in the character information storage system to fit in the frame in a state where the frame configuration stored in the frame configuration storage system is alterable only in a frame width direction which is a column-increasing/decreasing direction when the editing operation is executed, as an operation mode included in the frame ~~configuration~~dimension alterable state.

50. (Currently Amended) The text editing device according to claim 37, wherein the operation mode setting system can set the operation mode to a two-direction variable operation mode for displaying or printing the character string stored in the character information storage system to fit in the frame in a state where the frame configuration stored in the frame configuration storage system is alterable both in a line-increasing/decreasing direction and in a column-increasing/decreasing direction when the editing operation is executed, as an operation mode included in the frame ~~configuration~~dimension alterable state.

51. (Previously Presented) The text editing device according to claim 37, wherein the operation mode setting system makes an initial setting of the operation mode depending on a print medium on which the character string stored in the character information storage system will be printed.

52. (Currently Amended) The text editing device according to claim 51, wherein the operation mode setting system initially sets the operation mode to the frame ~~configuration~~dimension fixed state when the print medium on which the character string stored in the character information storage system will be printed is a tape-like print medium

and sizea size of a print area of the tape-like print medium in its longitudinal direction is preset.

53. (Currently Amended) The text editing device according to claim 49, wherein the operation mode setting system initially sets the operation mode to the frame width variable operation mode when the print medium on which the character string stored in the character information storage system will be printed is a tape-like print medium and sizea size of a print area of the tape-like print medium in its longitudinal direction is not preset.

54. (Currently Amended) The text editing device according to claim 48, wherein the operation mode setting system initially sets the operation mode to the frame height variable operation mode when the print medium on which the character string stored in the character information storage system will be printed is a print medium having sizea size in the line-increasing/decreasing direction larger than sizea size in a column-increasing/decreasing direction.

55. (Currently Amended) The text editing device according to claim 37, wherein the operation mode setting system sets the operation mode to the frame ~~configuration~~dimension fixed state when the frame is newly inputted.

56. (Currently Amended) A computer-readable medium storing a computer-executable program comprising ~~computer program product comprising computer-readable instructions~~ that cause a computer to function as:

a character information storage system that stores a character string as text data;

a character size storage system that stores sizea size of each character included in the character string stored in the character information storage system;

a frame configuration storage system that stores a ~~configuration~~dimensions of a frame in which the character string stored in the character information storage system is displayed or printed;

an operation mode setting system that sets an operation mode, specifying ~~status~~a status of displaying or printing of the character string stored in the character information storage system in the frame when ~~editing~~an editing operation is executed, to operation modes including at least a frame ~~configuration~~dimension fixed state and a frame ~~configuration~~dimension alterable state;

a character size alteration system that alters memory contents of the character size storage system so that the character string stored in the character information storage system will fit in the frame in cases where the operation mode setting system has set the operation mode to the frame ~~configuration~~dimension fixed state; and

a frame configuration alteration system that alters memory contents of the frame configuration storage system so that the character string stored in the character information storage system will fit in the frame in cases where the operation mode setting system has set the operation mode to the frame ~~configuration~~dimension alterable state.

57. (Currently Amended) The ~~computer-readable medium~~ computer program product according to claim 56, wherein the character size alteration system includes:

a size comparison system which compares ~~size of the~~a size of a whole character string when a newly inputted character string is additionally displayed or printed in the character size stored in the character size storage system with ~~size~~a size of the frame determined by the frame configuration stored in the frame configuration storage system each time ~~when~~ a character string is stored in the character information storage system in the case where the operation mode has been set to the frame ~~configuration~~dimension fixed state by the operation mode setting system; and

a judging system which judges whether the size of the whole character string when the newly inputted character string is additionally displayed or printed in the character size stored in the character size storage system fits in the frame or not based on the comparison by the size comparison system,

wherein when the judging system judges that the size of the whole character string does not fit in the frame, the character size alteration system alters the memory contents of the character size storage system so that the size of each character of the whole character string including the newly inputted character string will be reduced to a size within a range allowing the character string stored in the character information storage system to fit in the frame.

58. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 57, wherein:

the frame configuration storage system stores ~~height~~ a height of the frame as the size of the frame, and

the size comparison system compares ~~length~~ a length of the whole character string when the newly inputted character string is additionally displayed or printed in the character size stored in the character size storage system in a line-increasing direction with the height of the frame stored in the frame configuration storage system each time ~~when a~~ character string is stored in the character information storage system.

59. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 57, wherein:

the frame configuration storage system stores ~~width~~ a width of the frame as the size of the frame, and

the size comparison system compares ~~length~~ a length of the whole character string when the newly inputted character string is additionally displayed or printed in the

character size stored in the character size storage system in a column-increasing direction with the width of the frame stored in the frame configuration storage system each time when a character string is stored in the character information storage system.

60. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 56, wherein the character size alteration system alters the memory contents of the character size storage system so that the character string stored in the character information storage system will fit in the frame also in cases where the frame configuration stored in the frame configuration storage system is altered and at the same time the operation mode is changed from the frame ~~configuration~~ dimension alterable state to the frame ~~configuration~~ dimension fixed state by the operation mode setting system.

61. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 56, wherein when the operation mode has been set to the frame ~~configuration~~ dimension fixed state and character sizes of characters of different sizes have been stored in the character size storage system, the character size alteration system alters the memory contents of the character size storage system so that the character string stored in the character information storage system will fit in the frame while maintaining size ratios among the different character sizes stored in the character size storage system.

62. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 56, further comprising computer-readable instructions that cause the computer to function as a line feed position storage system for storing line feed position information to be used for displaying or printing the character string stored in the character information storage system while starting new lines at intended positions,

wherein the character size alteration system alters the memory contents of the character size storage system so that the whole character string stored in the character information storage system will fit in the frame also in cases where the operation mode has

been set to the frame ~~configuration~~dimension fixed state and the line feed position information has been stored in the line feed position storage system.

63. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 56, further comprising computer-readable instructions that cause the computer to function as an operation mode display controlling system for displaying a screen image, indicating a change in ~~text~~ a text display status at ~~the point~~ a point when the editing operation is executed, depending on the operation mode set by the operation mode setting system.

64. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 63, wherein the operation mode display controlling system indicates text display statuses before and after the editing operation by displaying images corresponding to the frame depending on the operation mode set by the operation mode setting system.

65. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 56, wherein the operation mode setting system can set the operation mode to a frame height variable operation mode for displaying or printing the character string stored in the character information storage system to fit in the frame in a state where the frame configuration stored in the frame configuration storage system is alterable only in a frame height direction which is a line-increasing/decreasing direction when the editing operation is executed, as an operation mode included in the frame ~~configuration~~dimension alterable state.

66. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 56, wherein the operation mode setting system can set the operation mode to a frame width variable operation mode for displaying or printing the character string stored in the character information storage system to fit in the frame in a state

where the frame configuration stored in the frame configuration storage system is alterable only in a frame width direction which is a column-increasing/decreasing direction when the editing operation is executed, as an operation mode included in the frame ~~configuration~~dimension alterable state.

67. (Currently Amended) The ~~computer program product~~computer-readable medium according to claim 56, wherein the operation mode setting system can set the operation mode to a two-direction variable operation mode for displaying or printing the character string stored in the character information storage system to fit in the frame in a state where the frame configuration stored in the frame configuration storage system is alterable both in a line-increasing/decreasing direction and in a column-increasing/decreasing direction when the editing operation is executed, as an operation mode included in the frame ~~configuration~~dimension alterable state.

68. (Currently Amended) The ~~computer program product~~computer-readable medium according to claim 56, wherein the operation mode setting system makes an initial setting of the operation mode depending on a print medium on which the character string stored in the character information storage system will be printed.

69. (Currently Amended) The ~~computer program product~~computer-readable medium according to claim 56, wherein the operation mode setting system initially sets the operation mode to the frame ~~configuration~~dimension fixed state when the print medium on which the character string stored in the character information storage system will be printed is a tape-like print medium and ~~size~~a size of a print area of the tape-like print medium in its longitudinal direction is preset.

70. (Currently Amended) The ~~computer program product~~computer-readable medium according to claim 66, wherein the operation mode setting system initially sets the operation mode to the frame width variable operation mode when the print medium on which

the character string stored in the character information storage system will be printed is a tape-like print medium and ~~size~~ a size of a print area of the tape-like print medium in its longitudinal direction is not preset.

71. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 65, wherein the operation mode setting system initially sets the operation mode to the frame height variable operation mode when the print medium on which the character string stored in the character information storage system will be printed is a print medium having ~~size~~ a size in the line-increasing/decreasing direction larger than ~~size~~ a size in a column-increasing/decreasing direction.

72. (Currently Amended) The ~~computer program product~~ computer-readable medium according to claim 56, wherein the operation mode setting system sets the operation mode to the frame ~~configuration~~ dimension fixed state when the frame is newly inputted.